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HEADQUARTERS
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U.S. Army. EUROPEAN THEATER OF OPERATIONS
OFFICE OF THE CHIEF SURGEON
APO 887

Auth. *[Signature]*
Initials *[Signature]*
Date 24 January 1944

CLASSIFICATION CANCELLED
by authority of
THE CHIEF OF GENERAL

DATE 20 NOV 1950 Medical Intelligence Summary No. 2

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Security Officer, S.S.O.

24 January 1944

1. The Medical Intelligence material noted below has been collected and is available for study at the Office of the Chief Surgeon, APO 887.

- a. Plan of City of Cannes, France: M.I. 19 (RPS)/1958: File No. 240-H/G-323-S.

Map and key of a portion of the city of Cannes, scale 1 to 7500, showing German gun emplacements, fortifications, prisons, hospitals and other buildings occupied by the Germans.

- b. Typhus Fever in Europe in 1942-43: Health Section of the Secretariat of the League of Nations, Weekly Epidemiological Record, 15 July 1943: File No. 200-P2/G-334-U.

This report describes the incidence of typhus fever in the countries of Europe. Statistical tables are included. No figures are available for the U.S.S.R. though the disease is known to have been endemic in this country for many years.

- c. Recent Trend of Typhoid and Paratyphoid Fevers in Europe: Health Section of the Secretariat of the League of Nations, Weekly Epidemiological Record, 22 July 1943: File No. 200-P2/G-333-U.

This publication describes the occurrence of typhoid and paratyphoid fevers in Europe. Statistical tables are included.

- d. Survival Time and Drinking Water Available to Castaways: Committee on Medical Research, National Research Council: File No. Physical Fitness/S-332-U.

Four maps have been drawn showing average survival time of men without water on emergency rafts, and those areas of the ocean in which rainfall may be expected within that time. Each map represents the expectations based on average weather conditions during a season of three months.

- e. Edible Plants of the Arctic Region: Prepared by the Field Museum of Natural History and published by the Bureau of Medicine and Surgery, U. S. Navy, publication no. NAVMED 119: File No. 226-R/S-331-U.

The purpose of this manual is to aid individuals to recognize edible food plants if subsistence from the land is necessary. The areas included take in Alaska, Northern Canada, Labrador, Greenland, Iceland, Spitsbergen, Northern Europe and Siberia. Descriptions and illustrations of plants are given including methods of preparation for eating.

- f. A Review of Body Armor as a Protection Against Missiles: From the Yale University School of Medicine, published by the Wound Ballistics Committee of National Research Council: File No. Wound Ballistics/S-324-C.

This review deals with the development of various types of materials which have been designed and used as protective armor. War experiences are given.

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- g. Geographical Distribution of Certain Diseases: U. S. War Department Pamphlet No. 8-6.

This pamphlet contains 14 maps showing the geographical distribution of certain diseases of military importance. Among those included are typhus fever, malaria, yellow fever, plague, and cholera.

- h. Medical Services in the German Army in Italy and Russia: CSDIC (U.K.), S.I.R. 105, 15 January 1944: File No. 260-SA2/G-364-S.

This is a report on information obtained from non-medical German PW, captured during the last few months. Evidence was obtained during informal interviews by an officer of the R.A.M.C. Subjects covered include personnel, organization, prevalence of disease, preventive medicine and hygiene, medical supplies, and equipment.

- i. Observations on the German Army Medical Services during Operations on Leros, and on German Hospital ship Gradisca: F. Murray, Capt., R.A.M.C.: File No. 260-SA2e/G-258-R.

The German medical staff appeared inadequate in numbers and lacking in ability. Shortages of certain supplies were also noted.

- j. Medical and Sanitary Data on Belgium: compiled by the Division of Medical Intelligence, Preventive Medicine Service, Office of the Surgeon General, U. S. Army, 20 October 1943: File No. 234-W/G-289-R.

- k. Your Body in Flight: Aero Medical Laboratory, Engineering Division, Materiel Command, Wright Field, Dayton, Ohio: File No. Aviation Medicine/S-283-R.

This is an illustrated "book of knowledge" for the flyer, using the picture method of presenting medical and physiological information which all flying personnel should remember.

- l. Temporary Deafness Following Exposure to Loud Tones and Noise: Committee on Medical Research, OSRD, 30 September 1943: File No. Hearing/S-282-R.

This is a final report on the effect of exposure to loud tones and noise on human auditory function, prepared by a special group of investigators.

- m. Statistics for Certain Communicable Diseases in the Netherlands for 1940, 1941 and 1942: Netherlands Government: File No. 232-P3/G-260-R.

- n. Some Psychological Problems on the Return to Holland: Netherlands Government: Lecture by Dr. A.M. Meerloo: File No. 232-AE/G-261-U.

- o. Cross Connections and Back-Siphonage Connections under War Conditions: National Research Council Report, 20 November 1943: File No. Sanitary Engineering/S-280-R.

A brief study of the subject is presented, together with recommendations, for eliminating dangers to users of potable water supplies.

- p. The Renal Circulation in Shock: Committee on Medical Research of the Office of Scientific Research and Development, 11 August 1943: File No. Shock/S-270-U.

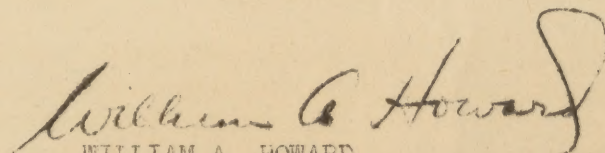
The reduction in rate of glomerular filtration and effective plasma flow in shock is discussed. The reduction is variable but roughly parallels the degree of shock.

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- q. Chemotherapy of Bacillary Dysentery: Committee on Medical Research of the Office of Scientific Research and Development, 16 August 1943: File No. Chemotherapy/S-267-U.
This report discusses the factors affecting the spontaneous hydrolysis of succinylsulfathiazole when used in the treatment of bacillary dysentery.
- r. The Toxicity of Pure DDT and Related Compounds in Oil Solution to Lice and Bugs: Ministry of Production: M.A. London, Report No. 64686, 17 January 1944: File No. 211-SA2n/G-379-S.
- s. Progress Report on Semi-Field Testing of Mosquito Repellents. Present Experiments with Dimethyl phthalate: M.A. London, Report No. 64687, 17 January 1944: File No. 211-AA/G-378-C.
This is a report of a "semi-field" test of dimethyl phthalate as a mosquito repellent, using Aedes aegypti mosquitoes. Protection up to six hours is reported.
- t. Preliminary Report on the Effectiveness of Succinchlorimide in Destroying Cysts of Entamoeba histolytica in Water: Committee on Medical Research: File No. Water Purification/S-5-U.
Succinchlorimide tablets appear to be far less cysticidal than high-test hypochlorite at controlled pH, and definitely less cysticidal than Halazone. Succinchlorimide is a more effective bactericide than Halazone, and about as effective as high-test hypochlorite.
- u. Treatment of Scabies in Man with Neocid: Military Personnel Research Committee of the Medical Research Council, Entomological Subcommittee (undated): File No. Scabies/S-8-S.
The Entomological Subcommittee reports that a 5% solution of Neocid in white oil is ineffective in the treatment of parasitic infection with Sarcoptes scabiei.
- v. Minutes of the Fifth Conference on Insecticides and Insect Repellents, National Research Council, 28 September 1943: File No. Insect Repellents/S-10-R.
This report covers all the recent developments in the field of insecticide and insect repellents as applied to mosquitoes, chiggers, ticks, and lice. The use of DDT for impregnation of clothing, and in aerosols and sprays is also described.

2. Additional medical intelligence material received in this office will be included in Medical Intelligence Summaries to be issued from time to time.

FOR THE CHIEF SURGEON



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